

Jinfang Zhu

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115
papers

15,876
citations

56
h-index

126
g-index

126
ext. papers

18,782
ext. citations

15.2
avg, IF

6.96
L-index

#	Paper	IF	Citations
115	Differentiation of effector CD4 T cell populations (*). <i>Annual Review of Immunology</i> , 2010 , 28, 445-89	34.7	2180
114	CD4 T cells: fates, functions, and faults. <i>Blood</i> , 2008 , 112, 1557-69	2.2	1090
113	Global mapping of H3K4me3 and H3K27me3 reveals specificity and plasticity in lineage fate determination of differentiating CD4+ T cells. <i>Immunity</i> , 2009 , 30, 155-67	32.3	887
112	How are T(H)2-type immune responses initiated and amplified?. <i>Nature Reviews Immunology</i> , 2010 , 10, 225-35	36.5	671
111	A molecular roadmap of reprogramming somatic cells into iPS cells. <i>Cell</i> , 2012 , 151, 1617-32	56.2	620
110	Conditional deletion of Gata3 shows its essential function in T(H)1-T(H)2 responses. <i>Nature Immunology</i> , 2004 , 5, 1157-65	19.1	469
109	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. <i>Nature Immunology</i> , 2011 , 12, 247-54	19.1	451
108	Peripheral CD4+ T-cell differentiation regulated by networks of cytokines and transcription factors. <i>Immunological Reviews</i> , 2010 , 238, 247-62	11.3	396
107	Steady-state production of IL-4 modulates immunity in mouse strains and is determined by lineage diversity of iNKT cells. <i>Nature Immunology</i> , 2013 , 14, 1146-54	19.1	387
106	Heterogeneity and plasticity of T helper cells. <i>Cell Research</i> , 2010 , 20, 4-12	24.7	384
105	Tissue-resident natural killer (NK) cells are cell lineages distinct from thymic and conventional splenic NK cells. <i>ELife</i> , 2014 , 3, e01659	8.9	361
104	Basophils produce IL-4 and accumulate in tissues after infection with a Th2-inducing parasite. <i>Journal of Experimental Medicine</i> , 2004 , 200, 507-17	16.6	350
103	GATA3 controls Foxp3+ regulatory T cell fate during inflammation in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4503-15	15.9	342
102	Expression and regulation of intergenic long noncoding RNAs during T cell development and differentiation. <i>Nature Immunology</i> , 2013 , 14, 1190-8	19.1	315
101	IL-1 family members and STAT activators induce cytokine production by Th2, Th17, and Th1 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13463-8	11.5	300
100	GATA-3 promotes Th2 responses through three different mechanisms: induction of Th2 cytokine production, selective growth of Th2 cells and inhibition of Th1 cell-specific factors. <i>Cell Research</i> , 2006 , 16, 3-10	24.7	285
99	Interleukin 2 plays a central role in Th2 differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 3880-5	11.5	278

98	S1P-dependent interorgan trafficking of group 2 innate lymphoid cells supports host defense. <i>Science</i> , 2018 , 359, 114-119	33.3	257
97	The transcription factor GATA3 is critical for the development of all IL-7R β -expressing innate lymphoid cells. <i>Immunity</i> , 2014 , 40, 378-88	32.3	256
96	Stat5 activation plays a critical role in Th2 differentiation. <i>Immunity</i> , 2003 , 19, 739-48	32.3	251
95	Genome-wide analyses of transcription factor GATA3-mediated gene regulation in distinct T cell types. <i>Immunity</i> , 2011 , 35, 299-311	32.3	231
94	T helper 2 (Th2) cell differentiation, type 2 innate lymphoid cell (ILC2) development and regulation of interleukin-4 (IL-4) and IL-13 production. <i>Cytokine</i> , 2015 , 75, 14-24	4	209
93	Stat6 is necessary and sufficient for IL-4R β role in Th2 differentiation and cell expansion. <i>Journal of Immunology</i> , 2001 , 166, 7276-81	5.3	207
92	The transcription factor T-bet is induced by multiple pathways and prevents an endogenous Th2 cell program during Th1 cell responses. <i>Immunity</i> , 2012 , 37, 660-73	32.3	204
91	Independent roles for IL-2 and GATA-3 in stimulating naive CD4+ T cells to generate a Th2-inducing cytokine environment. <i>Journal of Experimental Medicine</i> , 2005 , 202, 793-804	16.6	200
90	Dynamic expression of transcription factors T-bet and GATA-3 by regulatory T cells maintains immunotolerance. <i>Nature Immunology</i> , 2015 , 16, 197-206	19.1	171
89	Growth factor independent-1 induced by IL-4 regulates Th2 cell proliferation. <i>Immunity</i> , 2002 , 16, 733-44	32.3	166
88	STAT6-dependent regulation of Th9 development. <i>Journal of Immunology</i> , 2012 , 188, 968-75	5.3	165
87	An updated view on transcription factor GATA3-mediated regulation of Th1 and Th2 cell differentiation. <i>International Immunology</i> , 2011 , 23, 415-20	4.9	160
86	Distinct functions for the transcription factors GATA-3 and ThPOK during intrathymic differentiation of CD4(+) T cells. <i>Nature Immunology</i> , 2008 , 9, 1122-30	19.1	158
85	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4+ T cells. <i>Nature Immunology</i> , 2011 , 12, 450-9	19.1	145
84	miR-155 activates cytokine gene expression in Th17 cells by regulating the DNA-binding protein Jarid2 to relieve polycomb-mediated repression. <i>Immunity</i> , 2014 , 40, 865-79	32.3	144
83	The transcription factor GATA3 actively represses RUNX3 protein-regulated production of interferon-gamma. <i>Immunity</i> , 2010 , 32, 507-17	32.3	118
82	Down-regulation of Gfi-1 expression by TGF-beta is important for differentiation of Th17 and CD103+ inducible regulatory T cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 329-41	16.6	114
81	Dynamic balance between master transcription factors determines the fates and functions of CD4 T cell and innate lymphoid cell subsets. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1861-1876	16.6	106

80	Homeostatic Control of Sebaceous Glands by Innate Lymphoid Cells Regulates Commensal Bacteria Equilibrium. <i>Cell</i> , 2019 , 176, 982-997.e16	56.2	94
79	Transformation of Accessible Chromatin and 3D Nucleome Underlies Lineage Commitment of Early T Cells. <i>Immunity</i> , 2018 , 48, 227-242.e8	32.3	88
78	The transcription factor IRF8 activates integrin-mediated TGF- β signaling and promotes neuroinflammation. <i>Immunity</i> , 2014 , 40, 187-98	32.3	88
77	Critical role of p38 and GATA3 in natural helper cell function. <i>Journal of Immunology</i> , 2013 , 191, 1818-265.3		86
76	T Helper Cell Differentiation, Heterogeneity, and Plasticity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	82
75	Cutting Edge: Notch Signaling Promotes the Plasticity of Group-2 Innate Lymphoid Cells. <i>Journal of Immunology</i> , 2017 , 198, 1798-1803	5.3	81
74	Gfi-1 plays an important role in IL-2-mediated Th2 cell expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18214-9	11.5	81
73	Group 3 innate lymphoid cells continuously require the transcription factor GATA-3 after commitment. <i>Nature Immunology</i> , 2016 , 17, 169-78	19.1	79
72	Origin and functions of pro-inflammatory cytokine producing Foxp3+ regulatory T cells. <i>Cytokine</i> , 2015 , 76, 13-24	4	78
71	Transcriptional regulation of Th2 differentiation. <i>Retrovirology</i> , 2006 , 3, 1	3.6	78
70	Requirement for the basic helix-loop-helix transcription factor Dec2 in initial TH2 lineage commitment. <i>Nature Immunology</i> , 2009 , 10, 1260-6	19.1	71
69	Formation of IL-7Ralphahigh and IL-7Ralphalow CD8 T cells during infection is regulated by the opposing functions of GABPA and Gfi-1. <i>Journal of Immunology</i> , 2008 , 180, 5309-19	5.3	68
68	In TH2 cells the Il4 gene has a series of accessibility states associated with distinctive probabilities of IL-4 production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 10623-8	11.5	67
67	T-bet-dependent NKp46 innate lymphoid cells regulate the onset of T17-induced neuroinflammation. <i>Nature Immunology</i> , 2017 , 18, 1117-1127	19.1	66
66	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. <i>Immunity</i> , 2020 , 52, 842-855.e6	32.3	64
65	PD-1 Inhibitory Receptor Downregulates Asparaginyl Endopeptidase and Maintains Foxp3 Transcription Factor Stability in Induced Regulatory T Cells. <i>Immunity</i> , 2018 , 49, 247-263.e7	32.3	64
64	Orchestration between ILC2s and Th2 cells in shaping type 2 immune responses. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 225-235	15.4	63
63	Th1 Differentiation Drives the Accumulation of Intravascular, Non-protective CD4 ⁺ T Cells during Tuberculosis. <i>Cell Reports</i> , 2017 , 18, 3091-3104	10.6	62

62	The transcription factor Bhlhe40 is a switch of inflammatory versus antiinflammatory Th1 cell fate determination. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1813-1821	16.6	62
61	Evidence that growth factor independence 1b regulates dormancy and peripheral blood mobilization of hematopoietic stem cells. <i>Blood</i> , 2010 , 116, 5149-61	2.2	61
60	Transcription factor Gfi-1 induced by G-CSF is a negative regulator of CXCR4 in myeloid cells. <i>Blood</i> , 2007 , 110, 2276-85	2.2	57
59	BRD4 directs hematopoietic stem cell development and modulates macrophage inflammatory responses. <i>EMBO Journal</i> , 2019 , 38,	13	56
58	Growth factor independence 1 antagonizes a p53-induced DNA damage response pathway in lymphoblastic leukemia. <i>Cancer Cell</i> , 2013 , 23, 200-14	24.3	55
57	Gfi1 integrates progenitor versus granulocytic transcriptional programming. <i>Blood</i> , 2009 , 113, 5466-75	2.2	54
56	Molecular mechanisms of interleukin-4-induced up-regulation of type I collagen gene expression in murine fibroblasts. <i>Arthritis and Rheumatism</i> , 2003 , 48, 2275-84		54
55	KLF13 sustains thymic memory-like CD8(+) T cells in BALB/c mice by regulating IL-4-generating invariant natural killer T cells. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1093-103	16.6	52
54	MicroRNA126 contributes to granulocyte colony-stimulating factor-induced hematopoietic progenitor cell mobilization by reducing the expression of vascular cell adhesion molecule 1. <i>Haematologica</i> , 2012 , 97, 818-26	6.6	52
53	Transient inhibition of interleukin 4 signaling by T cell receptor ligation. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1125-34	16.6	51
52	Transient T-bet expression functionally specifies a distinct T follicular helper subset. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2705-2714	16.6	43
51	Transcriptional regulatory networks for CD4 T cell differentiation. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 381, 125-72	3.3	41
50	Transcriptional regulation of Th2 cell differentiation. <i>Immunology and Cell Biology</i> , 2010 , 88, 244-9	5	41
49	The sequential activity of Gata3 and Thpok is required for the differentiation of CD1d-restricted CD4+ NKT cells. <i>European Journal of Immunology</i> , 2010 , 40, 2385-90	6.1	41
48	The transcription factor Gfi1 regulates G-CSF signaling and neutrophil development through the Ras activator RasGRP1. <i>Blood</i> , 2010 , 115, 3970-9	2.2	38
47	Memory-phenotype CD4 T cells spontaneously generated under steady-state conditions exert innate T1-like effector function. <i>Science Immunology</i> , 2017 , 2,	28	37
46	GATA3 Regulates the Development and Functions of Innate Lymphoid Cell Subsets at Multiple Stages. <i>Frontiers in Immunology</i> , 2017 , 8, 1571	8.4	35
45	Jak-STAT pathway is involved in the induction of TNF-beta gene during stimulation by IL-2. <i>European Journal of Immunology</i> , 1998 , 28, 805-10	6.1	33

44	TGF- β cytokine signaling promotes CD8+ T cell development and low-affinity CD4+ T cell homeostasis by regulation of interleukin-7 receptor β expression. <i>Immunity</i> , 2013 , 39, 335-46	32.3	32
43	Individual T helper cells have a quantitative cytokine memory. <i>Immunity</i> , 2015 , 42, 108-22	32.3	31
42	CD4+ T cell plasticity-Th2 cells join the crowd. <i>Immunity</i> , 2010 , 32, 11-3	32.3	30
41	Transcriptional regulators dictate innate lymphoid cell fates. <i>Protein and Cell</i> , 2017 , 8, 242-254	7.2	29
40	CD4 T Helper Cell Subsets and Related Human Immunological Disorders. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
39	The obesity-induced transcriptional regulator TRIP-Br2 mediates visceral fat endoplasmic reticulum stress-induced inflammation. <i>Nature Communications</i> , 2016 , 7, 11378	17.4	28
38	Molecular switches for regulating the differentiation of inflammatory and IL-10-producing anti-inflammatory T-helper cells. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 289-303	10.3	28
37	Elevating calcium in Th2 cells activates multiple pathways to induce IL-4 transcription and mRNA stabilization. <i>Journal of Immunology</i> , 2008 , 181, 3984-93	5.3	27
36	Lymphoid tissue inducer-A divergent member of the ILC family. <i>Cytokine and Growth Factor Reviews</i> , 2018 , 42, 5-12	17.9	26
35	Bcl11b, a novel GATA3-interacting protein, suppresses Th1 while limiting Th2 cell differentiation. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1449-1462	16.6	26
34	Interleukin-4 elicits apoptosis of developing mast cells via a Stat6-dependent mitochondrial pathway. <i>Experimental Hematology</i> , 2004 , 32, 52-9	3.1	26
33	Thpok-independent repression of Runx3 by Gata3 during CD4+ T-cell differentiation in the thymus. <i>European Journal of Immunology</i> , 2013 , 43, 918-28	6.1	21
32	Differential Expression of the Transcription Factor GATA3 Specifies Lineage and Functions of Innate Lymphoid Cells. <i>Immunity</i> , 2020 , 52, 83-95.e4	32.3	21
31	Immunologic applications of conditional gene modification technology in the mouse. <i>Current Protocols in Immunology</i> , 2014 , 105, 10.34.1-10.34.13	4	20
30	Histone demethylases UTX and JMJD3 are required for NKT cell development in mice. <i>Cell and Bioscience</i> , 2017 , 7, 25	9.8	19
29	IL-4 selectively enhances Fc γ R3 expression and signaling on mouse mast cells. <i>Cellular Immunology</i> , 2003 , 224, 65-73	4.4	19
28	Lipid phosphatases identified by screening a mouse phosphatase shRNA library regulate T-cell differentiation and protein kinase B AKT signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E1849-56	11.5	18
27	Disrupting Il13 impairs production of IL-4 specified by the linked allele. <i>Nature Immunology</i> , 2001 , 2, 461-6	19.1	17

26	Novel Function of Extracellular Matrix Protein 1 in Suppressing Th17 Cell Development in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2016 , 197, 1054-64	5.3	15
25	Gfi1, a transcriptional repressor, inhibits the induction of the T helper type 1 programme in activated CD4 T cells. <i>Immunology</i> , 2016 , 147, 476-87	7.8	14
24	Cloning of a cDNA encoding a nerve growth factor precursor from the Agkistrodon halys Pallas. <i>Toxicon</i> , 1999 , 37, 465-70	2.8	14
23	TCR signaling fuels T(reg) cell suppressor function. <i>Nature Immunology</i> , 2014 , 15, 1002-3	19.1	13
22	Small-Molecule ROR β Antagonists: One Stone Kills Two Birds. <i>Trends in Immunology</i> , 2017 , 38, 229-231	14.4	11
21	Bcl11b drives the birth of ILC2 innate lymphocytes. <i>Journal of Experimental Medicine</i> , 2015 , 212, 828	16.6	11
20	Recent advances in understanding the Th1/Th2 effector choice. <i>Faculty Reviews</i> , 2021 , 10, 30	1.2	9
19	Mysterious ILC2 tissue adaptation. <i>Nature Immunology</i> , 2018 , 19, 1042-1044	19.1	9
18	IL-7R β Expression Regulates Murine Dendritic Cell Sensitivity to Thymic Stromal Lymphopoietin. <i>Journal of Immunology</i> , 2017 , 198, 3909-3918	5.3	8
17	Foreign antigen-independent memory-phenotype CD4 T cells: a new player in innate immunity?. <i>Nature Reviews Immunology</i> , 2018 , 18, 1	36.5	8
16	Transcriptional Regulatory Network for the Development of Innate Lymphoid Cells. <i>Mediators of Inflammation</i> , 2015 , 2015, 264502	4.3	8
15	Critical sites for the interaction between IL-2R γ and JAK3 and the following signaling. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 598-605	3.4	7
14	Author response: Tissue-resident natural killer (NK) cells are cell lineages distinct from thymic and conventional splenic NK cells 2014 ,		7
13	Cutting Edge: Core Binding Factor β Is Required for Group 2 Innate Lymphoid Cell Activation. <i>Journal of Immunology</i> , 2019 , 202, 1669-1673	5.3	6
12	A novel protein MAJN binds to Jak3 and inhibits apoptosis induced by IL-2 deprivation. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 270, 267-71	3.4	6
11	Requirements for the differentiation of innate T-bet memory-phenotype CD4 T lymphocytes under steady state. <i>Nature Communications</i> , 2020 , 11, 3366	17.4	5
10	B Cells Negatively Regulate the Establishment of CD49b(+)T-bet(+) Resting Memory T Helper Cells in the Bone Marrow. <i>Frontiers in Immunology</i> , 2016 , 7, 26	8.4	5
9	Tet2: breaking down barriers to T cell cytokine expression. <i>Immunity</i> , 2015 , 42, 593-5	32.3	3

8	Identification of a serine protease with nerve growth promoting activity from snake venom. <i>NeuroReport</i> , 1998 , 9, 3577-81	1.7	3
7	Enhanced Cell Division Is Required for the Generation of Memory CD4 T Cells to Migrate Into Their Proper Location. <i>Frontiers in Immunology</i> , 2019 , 10, 3113	8.4	2
6	B cell residency but not T cell-independent IgA switching in the gut requires innate lymphoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
5	Recent advances in understanding the role of IL-4 signaling. <i>Faculty Reviews</i> , 2021 , 10, 71	1.2	2
4	Seventeen-Year Journey Working With a Master. <i>Frontiers in Immunology</i> , 2018 , 9, 960	8.4	1
3	The positive and negative control actions of PTPase on IL-2 signaling. <i>Science in China Series C: Life Sciences</i> , 1999 , 42, 614-20		1
2	IFN γ suppresses the expression of GFI1 and thereby inhibits Th2 cell proliferation. <i>PLoS ONE</i> , 2021 , 16, e0260204	3.7	0
1	Study on the interaction between Jak3 and IL-2R β using the yeast two-hybrid system. <i>Science Bulletin</i> , 1999 , 44, 1664-1669		